

## Ma FAMILY POLYPEPTIDES AND ANTI-Ma ANTIBODIES

## ABSTRACT OF THE DISCLOSURE

Ma family polypeptides Ma1, Ma2, Ma3, Ma4 and Ma5 are disclosed, as are nucleic acids encoding the Ma family polypeptides, antibodies that bind to Ma family polypeptides, and methods of diagnosis of paraneoplastic syndromes, by assessing a test sample from an individual for the presence or absence, or amount, of antibodies to Ma family polypeptides.

卷之三